Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 23 Aug 2023 until 23:59 on Thursday 24 Aug 2023

Forecast Issued on Tuesday 22 Aug 2023 at 14:41

Confidence: High confidence for the main story, with a cool showery theme developing on Thursday but low confidence with regards to their intensity and distribution.

Headline for Wednesday 23 Aug 2023: Fairly cloudy but mostly dry.

Mountain weather hazards on Wednesday 23 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Fog	Cloudy	Sunny intervals	Cloudy	Cloudy	Dull
Precipitation probability							
10%	20%	30%	20%	30%	20%	30%	30%

Forecast for Wednesday 23 Aug 2023

Weather: A dry start to the day with patches of low cloud, mostly in the west whereas it'll be largely sunny in the east. Some fair weather cloud will bubble up during the morning, allowing a few light showers to develop the end of the morning. Any sunny spells will tend to be brief, the cloud eventually spreading in from the west, thick enough to produce a few outbreaks of light rain at the end of the afternoon and into the evening.

Chance of cloud-free hill tops above 600m: 40% in the west at first, increasing to 90% by late morning. 60% in the east at first, increasing to 95% or more by late morning.

Low cloud and visibility: Poor or very poor in the west initially with patches of low cloud as low as 400m, perhaps 300m briefly and accompanied by drizzle. The cloud will slowly lift above summits, the visibility becoming good or very good with distant hills clearly visible. Moderate in any light rain later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 23 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 SW	10/13 SW	10/13 SW	10/14 SW	12/17 W	10/15 SW	9/12 SW	9/12 S	11/17 S
300	9/15 SW	7/12 SW	7/10 SW	7/10 SW	9/14 SW	7/12 SW	5/8 SW	6/9 S	6/10 S
Valley	4/13 SW	3/10 SW	4/10 SW	5/10 SW	8/14 W	6/11 W	3/8 SW	3/8 SE	4/11 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/9	11/10	12/10	14/12	15/13	15/13	14/13	14/12
300	14/12	13/12	13/12	14/14	17/16	18/17	17/17	16/16	16/15
Valley	14/14	13/13	14/14	16/15	18/17	18/18	18/18	16/17	16/16
Freezing Level*	2400m	2500m	2500m	2300m	2700m	3200m	3100m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A pleasant walk in the hills despite the cloud cover. Not too warm or too windy.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 22 Aug 2023	2.2mm	2.2mm	2.4mm

Forecast for Thursday 24 Aug 2023

Weather: A dull and cloudy morning with outbreaks of rain and drizzle, perhaps briefly heavy around dawn. However, any rain and drizzle will clear east during the morning, giving way to brighter conditions and quite possibly sunny spells in the afternoon. Feeling cooler than previous days.

Maximum wind: Southwest to West-southwest 12mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 10-20% early morning, but increasing to 90% in the afternoon.

Low cloud and visibility: Banks of low cloud are expected to lie across the Peaks on Thursday morning, with cloud as low as 300m, perhaps lower in the far west and in any drizzly outbreaks. There is low confidence about the clearance time, the cloud perhaps hanging around through the morning whilst giving poor to very poor visibilities. Becoming generally good to very good in the afternoon.

Temperature: **Valleys:** Plus 18 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Above summits.

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